



# UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/885,002	06/21/2001	David Adams	500582.20033	5044

7590 12/16/2004

Eugene LeDonne, Esq  
REED SMITH LLP  
375 Park Avenue  
New York, NY 10152

RECEIVED  
JAN 10 2005  
Technology Center 2600

EXAMINER	
UBILES, MARIE C	
ART UNIT	PAPER NUMBER
2642	

DATE MAILED: 12/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/885,002	ADAMS ET AL.	
Examiner	<b>Art Unit</b>		
Marie C. Ubiles	2642		

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 21 June 2001.

2a)  This action is FINAL.                            2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## **Disposition of Claims**

4)  Claim(s) 1-15 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5)  Claim(s) \_\_\_\_\_ is/are allowed.  
6)  Claim(s) 1-15 is/are rejected.  
7)  Claim(s) \_\_\_\_\_ is/are objected to.  
8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3)  Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 11/24/03, 7/20/04.

4)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_

5)  Notice of Informal Patent Application (PTO-152)

6)  Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Oath/Declaration***

1. The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

It does not identify the city and either state or foreign country of residence of each inventor. The residence information may be provided on either on an application data sheet or supplemental oath or declaration.

The post office address is missing.

### ***Double Patenting***

2. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

3. Claims 8-10 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 and 20 of U.S. Patent No. 6,230,006. Although the conflicting claims are not identical, they are not patentably distinct from each other because they both disclose a system for remotely testing a

telecommunications network or a switch in a calling area by means of establishing a test call or phone call through a controller and a remote call processor.

In reference to the limitations regarding to the classification of audio signals related to test telephone call and the test telephone call passing or failing, the Examiner takes Official Notice that it is well-known in the art to classify audio signals as busy, fast busy, voice, fax by means, for example, of Mechanized Loop Testing (MLT) of a telephone number.

4. Claims 1-5 and 11-15 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1, 14 and 20 of U.S. Patent No. 6,230,006 in view of Dean (US 6201802).

As for claims 1 and 11-15, US 6,230,006 discloses the same system as that claimed by Applicant, with the added limitation "... and for re-synchronizing said remote call processor (RCP) with a time protocol server; accessing said time protocol server so as to re-synchronize said remote call processor".

Dean teaches a system and method to synchronize with the transmission from a base station, a remote unit performs repeated time offset searches with the pilot PN code until the pilot channel is detected. It would have been obvious to one of ordinary skill in the art to add the function taught by Dean to US 6,230,006 and thus in this manner provide proper communication since remaining synchronized with each base station when a telephone call or other communication is in progress is especially useful as it assists in conducting a soft handoff rapidly. (See Background, Col. 1, lines 54-56 and Col. 2, lines 9-14).

As for claims 2-5, the "time stamping" and "time duration" determination functions may be read on Dean's teachings about how to correct "drifting errors" in a cellular system, measurement of time in the base station is used for such purposes (See, for example, Col. 4, lines 21-33).

5. Claim 6-7 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 and 20 of U.S. Patent No. 6,230,006 in view of Dean (US 6201802), as applied to claims 1-5 and 11-15 above, and further in view of Vimpari et al. (US 6,169,883).

The combination of US 6,230,006 and Dean taught the system as that claimed by Applicant except for the "...at least one test short message service (SMS) data to said destination telecommunication device; and testing by said controller of said destination telecommunications device receiving said test SMS data so as to verify proper operation of SMS signal transmission in said telecommunications network."

Vimpari et al. teaches the use of SMS or a protocol built on SMS for sending the message starting measurement functions in a cellular system (See Col. 11, lines 13-17). It would have been obvious to one of ordinary skill in the art to modify the combination of US 6,230,006 and Dean, and thus in this manner being able to start a test by means of a remote operation center, a subscriber network element or a base station (See Col. 5, lines 36-46).

Art Unit: 2642

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marie C. Ubiles whose telephone number is (703) 305-0684. The examiner can normally be reached on 8am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Marie C. Ubiles  
December 11, 2004.

  
AHMAD F. MATAR  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2700

JUN 24 2003

EXPRESS MAIL NO. EV336594984US  
Sheet 1 of 6

FORM PTO-146 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS David Adams et al.			
		FILING DATE June 21, 2001		GROUP ART UNIT 2683	

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Mar	AA	5,481,588	01/02/96	Rickli et al.	379	32	
Mar	AB	5,490,204	02/06/96	Gulledge	379	59	
Mar	AC	5,615,225	03/25/97	Foster et al.	379	29	
Mar	AD	5,706,333	01/06/98	Grenning et al.	379	59	
Mar	AE	5,768,689	06/16/98	Borg	455	67.4	
Mar	AF	5,835,564	11/10/98	Chang et al.	379	1	
Mar	AG	5,903,633	05/11/99	Lorsch	379	114	
Mar	AH	5,930,707	07/27/99	Vambaris et al.	455	424	
Mar	AI	5,931,907	08/03/99	Davies et al.	709	218	
Mar	AJ	5,933,776	08/03/99	Kirkpatrick	455	423	
Mar	AK	5,987,306	11/16/99	Nilsen et al.	455	67.1	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
Mar	AL	WO 98/58509	12/23/98	WIPO		✓
Mar	AM	WO 99/25140	05/20/99	WIPO		✓
Mar	AN	WO 99/27721	06/03/99	WIPO		✓

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Mar	AO	"What is a Type-56 Responder/Type-105 Test Line?" Sage Instruments, Freedom, CA.
Mar	AP	"356EC Cellular Responder," Sage Instruments, Freedom, CA, 1991.
Mar	AQ	"356 TMK Cellular Responder," Sage Instruments, Freedom, CA, 1991.

EXAMINER		DATE CONSIDERED
		12/10/04

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

O 1/24/03

EXPRESS MAIL NO. EV336594984US

Sheet 2 of 6

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANTS David Adams et al.	
			FILING DATE June 21, 2001	GROUP ART UNIT 2683

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mar	BA	6,055,425	04/25/00	Sinivaara	455	431	
mcu	BB	6,118,982	09/12/00	Ghisler et al.	455	67.4	RECEIVED DEC 6 2003
mcu	BC	6,230,002	05/08/01	Flodén et al.	455	411	
mcu	BD	6,230,006	05/08/01	Keenan et al.	455	424	Technology Center 2600
mcu	BE	6,233,448	05/15/01	Alperovich et al.	455	417	
mcu	BF	6,234,810	05/22/01	Schnell et al.	439	76.1	
mar	BG	6,234,844	05/22/01	Somerville et al.	439	630	
mar	BH	6,236,853	05/22/01	Mee et al.	455	414	
mcu	BI	6,240,301	05/29/01	Phillips	455	550	
mar	BJ	6,244,553	06/12/01	Wang	248	278.1	
mcu	BK	6,244,911	06/12/01	Heim	439	862	
mar	BL	6,249,276	06/19/01	Ohno	345	173	
mar	BM	6,253,073	06/26/01	Cooper	455	411	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
	BN				

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

mcu	BO	"Specifications: 930A Communications Test Set," Sage Instruments, Freedom, CA, 1990.
mcu	BP	"CellSTAR Automated Transmission Test System," Sage Instruments, Freedom, CA.
mcu	BQ	"CellSTAR," Sage Instruments, Freedom, CA, 1992.
mcu	BR	"CellSTAR System Worksheet," Sage Instruments, Freedom, CA, 1992.

EXAMINER	<i>M. C.</i>	DATE CONSIDERED
		<i>12/10/04</i>

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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JUN 26 2003EXPRESS MAIL NO. EV336594984US  
Sheet 3 of 6

FORM P-1449 (REV.7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS David Adams et al.	
		FILING DATE June 21, 2001	GROUP ART UNIT 2683

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Mac	CA	6,259,921	07/10/01	Totaro et al.	455	445	RECEIVED REC-02-2003
Mac	CB	6,259,929	07/10/01	Kuisma	455	550	
Mac	CC	6,261,128	07/17/01	Heim et al.	439	630	
Mac	CD	6,264,506	07/24/01	Yasufuku et al.	439	638	Technology Center 2600
Mac	CE	6,266,527	07/24/01	Mintz	455	423	
Mac	CF	6,272,450	08/07/01	Hill et al.	703	13	
Mac	CG	6,278,706	08/21/01	Gibbs et al.	370	352	
Mac	CH	6,278,886	08/21/01	Hwang	455	566	
Mac	CI	6,282,182	08/28/01	Pecen et al.	370	336	
Mac	CI	6,282,491	08/28/01	Bochmann et al.	701	209	
Mac	CK	6,283,376	09/04/01	Schuder et al.	235	486	
Mac	CL	6,285,869	09/04/01	Shannon et al.	455	411	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
CM					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Mac	CN	"Revenue Assurance Products," <i>Network Performance Improvement Products</i> , Comarco Wireless Technologies, <a href="http://www.comarco.com/html/revenue_assurance_series.htm">http://www.comarco.com/html/revenue_assurance_series.htm</a> , accessed August 10, 1998.
Mac	CO	"Automated Remote Origination Network Test System," IC Engineering, Inc., Owings Mills, MD, November, 1991.
Mac	CP	"Model RTS-1 Remote Access/Loopback Terminal Set Instructions," Metro Tel, Practise 56-0018, Issue 2, September 1991.
Mac	CQ	Huffman, M., "Cut Travel Time For Translations," <i>Telephone Employees &amp; Management</i> , pages 72-73, March 1, 1992.

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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FORM PTO-149 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS David Adams et al.			
		FILING DATE June 21, 2001		GROUP ART UNIT 2683	

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mcu	DA	6,292,666	09/18/01	Siddiqui et al.	455	456	
mcu	DB	6,292,668	09/18/01	Alanara et al.	455	466	RECEIVED
mcu	DC	6,295,454	09/25/01	Havinis et al.	455	456	DEC 2 2003
mcu	DD	6,298,247	10/02/01	Alperovich et al.	455	558	Technology Center 2600
mcu	DE	6,301,475	10/09/01	Saarela et al.	455	426	
mcu	DF	6,305,960	10/23/01	Fan	439	188	
mcu	DG	6,307,934	10/23/01	Möster et al.	379	438	
mcu	DH	6,308,069	10/23/01	Freitag et al.	455	435	
mcu	DI	6,308,070	10/23/01	Laster	455	445	
mcu	DJ	6,308,317	10/23/01	Wilkinson et al.	717	5	
mcu	DK	6,311,054	10/30/01	Korpela	455	406	
mcu	DL	6,311,055	10/30/01	Boltz	455	414	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	DM					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

mcu	DN	"TMS Product Catalog," Metro Tel, Hicksville, NY, September 1991.
mcu	DO	"Remote Test Set: Instruction Manual – Model RTS-1," Metro Tel Corp., Hicksville, NY.
mcu	DP	"ARONTS Presentation Outline," Metro Tel Sales Presentation, 1991.
mcu	DQ	"Remote Loopback Test Set Model RTS-1," Metro Tel Corp., Hicksville, NY, April 1988.

EXAMINER	DATE CONSIDERED
<i>mcu</i>	12/10/04

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTAB-149 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANTS David Adams et al.	RECEIVED
			FILING DATE June 21, 2001	GROUP ART UNIT DEC 02 2003 2683

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ACU	EA	6,314,290	11/06/01	Joshi et al.	455	427	
MCU	EB	6,320,751	11/20/01	Takeda et al.	361	737	
MCU	EC	6,320,873	11/20/01	Nevo et al.	370	466	
MCU	ED	6,321,079	11/20/01	Cooper	455	411	
MCU	EE	6,321,084	11/20/01	Horrer	455	431	
MCU	EF	6,324,402	11/27/01	Waugh et al.	455	445	
MCU	EG	6,324,412	11/27/01	Alen et al.	455	567	
MCU	EH	6,326,543	12/04/01	Lamp et al.	174	52.1	
MCU	EI	6,327,153	12/04/01	Rauhala et al.	361	737	
MCU	EJ	6,332,579	12/25/01	Ritter	235	492	
MCU	EK	6,334,052	12/25/01	Nordstrand	455	411	
MCU	EL	6,341,069	01/22/02	Torlotin	361	737	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES      NO
	EM				

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MCU	EN	"Remote Access & Test Set Model RTS-1," Metro Tel Corp., Jericho, NY, 1992.
MCU	EO	"Telephone Network Test System," Metro Tel Corp., Hicksville, NY.
MCU	EP	U.S. Patent Application No. 10/194,937, filed July 11, 2002.
MCU	EQ	U.S. Patent Application No. 10/194,417, filed July 11, 2002
MCU	ER	U.S. Patent Application No. 10/194,938, filed July 11, 2002.

EXAMINER	DATE CONSIDERED
<i>ACU</i>	12/10/04

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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MAY 24 2003

FORM PTO-9 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANTS David Adams et al.		RECEIVED
			FILING DATE June 21, 2001	GROUP ART UNIT 2683	

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DEC 6 2003

## U.S. PATENT DOCUMENTS

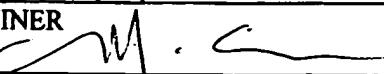
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mar	FA	6,341,220	01/22/02	Hurme	455	410	
mar	FB	6,341,228	01/22/02	Hubbe et al.	455	566	
mar	FC	6,343,945	02/05/02	Liikanen	439	160	
mar	FD	6,349,204	02/19/02	Goetz et al.	455	419	
mar	FE	6,353,737	03/05/02	Herzog	455	418	
mar	FF	6,375,073	04/23/02	Aebi et al.	235	379	
mar	FG	6,384,789	05/07/02	Hofmann	343	702	
mar	FH	6,385,300	05/07/02	Mohammadian et al.	379	21	
mar	FI	6,430,410	08/06/02	Staber	455	423	
mar	FJ	6,456,859	09/24/02	Desblancs et al.	455	558	
mar	FK	6,542,738	04/01/03	Keenan et al.	455	424	

## FOREIGN PATENT DOCUMENTS

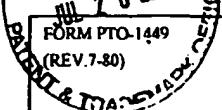
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	FL					
	FM					
	FN					
	FO					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

mar	FP	U.S. Patent Application No. 10/194,450, filed July 11, 2002.
mar	FQ	U.S. Patent Application No. 10/194,430, filed July 11, 2002.
mar	FR	U.S. Patent Application No. 10/194,440, filed July 11, 2002.

EXAMINER 	DATE CONSIDERED 12/10/03
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\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449  
(REV.7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

191115.407C2

APPLICATION NO.

09/885,002

APPLICANTS

David Adams et al.

FILING DATE

June 21, 2001

GROUP ART UNIT

2683

INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,875,398	02/23/99	Snapp	455	424	
AB						
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JUL 23 2004

Technology Center 2600

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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DATE CONSIDERED

12/10/04

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<b>Notice of References Cited</b>		Application/Control No. 09/885,002	Applicant(s)/Patent Under Reexamination ADAMS ET AL.	
		Examiner Marie C. Ubiles	Art Unit 2642	Page 1 of 1

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